

**FEMA**

### HURRICANE RITA SURGE INUNDATION and ADVISORY BASE FLOOD ELEVATION MAP

**Calcasieu Parish, Louisiana**

Date of Event: September 24, 2005  
Date of Map: March 16, 2006  
Map Number: LA-FF21

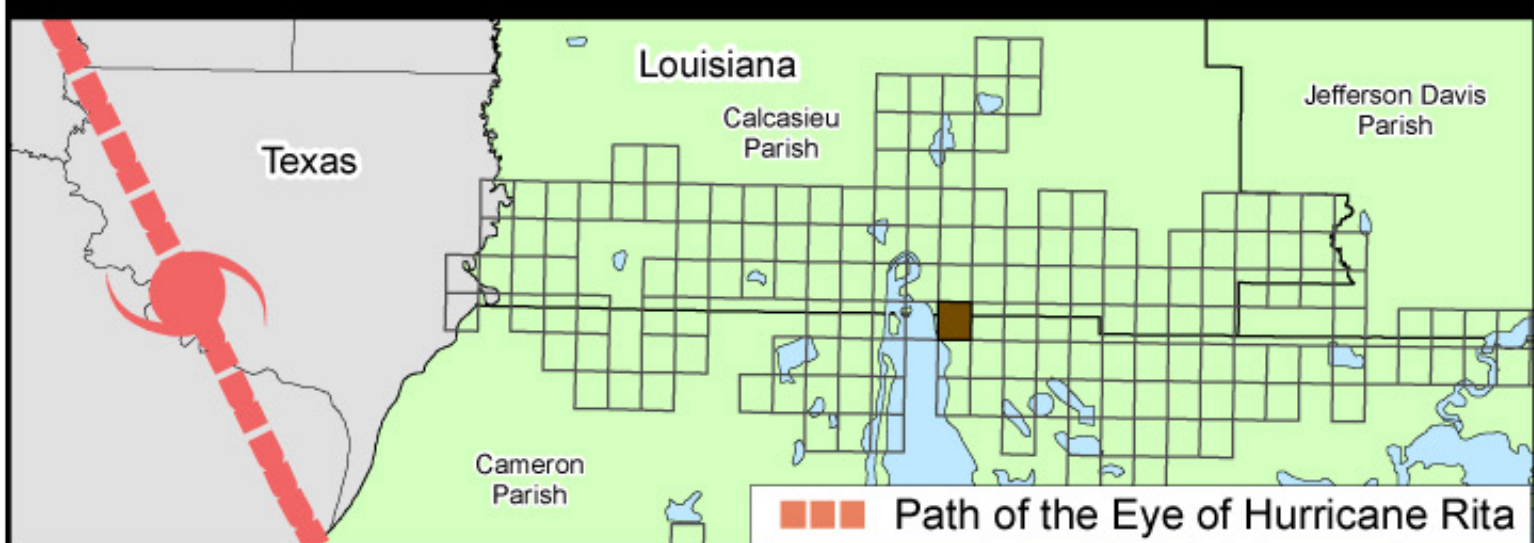
**Advisory Base Flood Elevations<sup>1</sup>**

This map shows Advisory Base Flood Elevations (ABFEs) developed by FEMA. Please see [http://www.fema.gov/hazards/floods/recoverydata/pdf/calcasieu\\_parish11-30-05nh.pdf](http://www.fema.gov/hazards/floods/recoverydata/pdf/calcasieu_parish11-30-05nh.pdf) for more information on how they were determined.

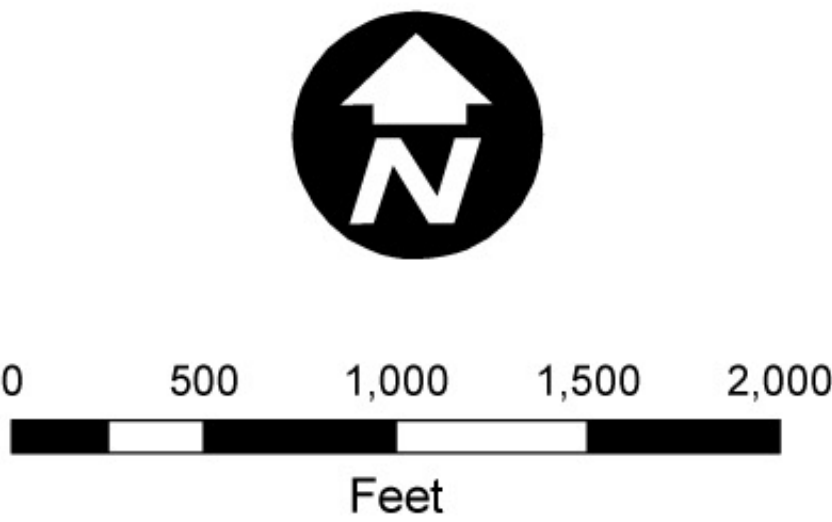
**Estimated Rita Surge Elevations<sup>1,2</sup>**

**9-10 ft**

**OVERVIEW MAP**












Path of the Eye of Hurricane Rita



0 500 1,000 1,500 2,000  
Feet

**LEGEND**

 State Boundary	 Parish Boundary
<b>Flood Advisory Related Data</b>	
 Advisory Base Flood Elevation (ABFE) Zone, including Flood Zone Type (A, AE, or VE), and elevation (in feet) <sup>1,3</sup>	<b>Hurricane Rita Related Data</b>
 Landward Limit of ABFEs <sup>3,4</sup>	
 Limit of Coastal ABFEs	
 Preliminary Indoor High Water Mark <sup>1,2</sup>	 Preliminary Outdoor High Water Mark <sup>1,2</sup>
 Preliminary Debris High Water Mark <sup>1,2</sup>	 Limit of Rita Surge Inundation

**Data Sources:**  
Aerial Imagery: USDA, National Agriculture Imagery Program, 2004  
Flood Zones and Elevations: FEMA Flood Insurance Rate Maps (Calcasieu Parish, 1991-1992)  
High Water Marks: FEMA (Identified and surveyed Sept-Dec., 2005)

**Notes:**  
<sup>1</sup> Measured in feet relative to the National Geodetic Vertical Datum of 1929 (NGVD29). To convert from NGVD29 to North American Vertical Datum of 1988 in Calcasieu Parish, add 0.14 feet.  
<sup>2</sup> Range estimated from surveyed, surge-only High Water Marks. Local wave effects (wave heights and wave runup) are not included in these elevations.  
<sup>3</sup> Each whole-foot ABFE shown applies to all properties located in the mapped zone, with zone boundaries outlined in yellow. These ABFEs reflect freeboard of 1 foot above current, effective Base Flood Elevations (BFEs) shown on each community's Flood Insurance Rate Map (FIRM).  
<sup>4</sup> For areas outside of the ABFE limits, please refer to the community's effective FIRM for additional flood hazard information, where applicable.

For more information on these advisory maps, please see [http://www.fema.gov/hazards/floods/recoverydata/rita\\_index.shtm](http://www.fema.gov/hazards/floods/recoverydata/rita_index.shtm)

**MAPS FOR ADVISORY PURPOSES ONLY - NOT FOR INSURANCE RATING PURPOSES**  
For insurance rating purposes, refer to the currently effective Flood Insurance Rate Map (FIRM), available from your local government or the FEMA Map Service Center (1-800-358-9616 or <http://msc.fema.gov>)